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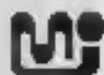
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"The Influences of Style on Florida Architecture" is the theme of the Florida Design Conference '86 to be held this May in Howey-in-the-Hills. The intent of the conference is to assess the impact of classic revival, vernacular, modern and post-modern architecture on the Florida architecture that is being produced today. I assume that the aforementioned styles are familiar to most people, certainly to most architects, although the term "vernacular" seems to cause a few to pause and grope for a definition and there is the ever-present confusion about modernism, post-modernism and its apparent offspring, neo-modernism. The conference should be interesting, and I suspect there'll be a lot of conflicting opinions.

All architects are influenced by work that's been done historically or by current work they admire. Why so many architects tense when a label of style is assigned to their work is an interesting question. Perhaps those who refuse to categorize their work view their designs as statements of pure form that have a certain moral force which overrides any known style. Perhaps they just don't like being categorized. Perhaps they don't know.

Paul Goldberger, architecture critic of the *New York Times*, says we'll never again see the rejection of history that was central to modernism's ideology. We will continue to see, instead, more buildings that rely heavily on historical form.

As surely as an historical thread wove its way from the Acropolis to Andrea Palladio to Sir Christopher Wren and to Thomas Jefferson, every time we see a building with classical proportions, we are looking at a "style." In terms of ornament and detail, isn't it a current group of post-modernists who borrow heavily from the classicists? Modernism is probably dead, but its grandchild, neo-modernism, is alive and well. This confident new phase in the history of architecture is already very visible on the Florida landscape. You can recognize it by its sense of bravado, and as Goldberger says, "its concern more with aesthetics than ethics."

"If there is anything that denotes the architecture of our time, modern or post-modern alike," Goldberger says, "it is the concentration on what we might call formal issues, the preoccupation with what things look like as opposed to what they mean."

Diane D. Greer

Member News

Construction has been completed on the Magnetic Resonance Unit — M.R.U. — at St. Mary's Hospital. The 8,000 s.f. unit, which is the largest and most advanced in the Southeast, was designed by **Penczek & Lewis Architects & Planners, Inc.** of West Palm Beach. The architectural firm of **Miller & Meier & Associates** has changed its name to **Miller, Meier, Kenyon and Cooper, Architects and Engineers**. **Craig W. Kenyon, AIA** and **Robert D. Cooper, AIA**, are the new principals in the firm. **Burnett + Froczak Architects** with consultants **The Design Arts Group, Wilson, Lohmeyer & Cooper, Inc.** and **Post, Buckley, Schuh and Jernigan, Consulting Engineers** have been awarded the design of the **FAMU/FSU Engineering Facility**. The 118,000 s.f. facility has a \$13 million budget and will contain classrooms, student services, teaching and research laboratories to support the civil, mechanical, electrical, industrial and chemical engineering programs at the two schools. The project is scheduled for completion in September, 1987. ■

Ronald D. Schwab, principal of **Schwab & Twitty Architects, Inc.**, has been selected a member of the panel of ULI, the Urban Land Institute, one of America's most highly respected and widely quoted sources of information on

urban planning, growth and development. Schwab was selected for his expertise in the design of mixed-use projects for downtown redevelopment. ■ **Law A. Nelder, AIA**, has joined the Coral Gables office of **Sasaki Associates, Inc.**, a planning and design firm, as senior architect. ■ **Sasaki Associates, Inc.** of Coral Gables will conduct a feasibility study and do a schematic design for the restoration of a venerable Miami Beach Art Deco hotel. The **St. Moritz Hotel** was built in 1939 and its new owners, **Moore Rushmore Associates of Miami**, want the building restored for commercial use. ■ **Currie Stubbins Schneider Architects AIA, PA**, will design **Rainberry Bay Clubhouse II** for **Rainberry Bay Development Corp.** ■ **St. Andrews Country Club** will be designed by **Kenneth Hirsch Associates Architects** at **Fairway Terrace**, a joint venture of **Par Four Group, Inc.** and **Savonny Builders**. ■

Palm Beach Park of Commerce, the first development approved under the county's new **Planned Industrial Park District** zoning ordinance, has received an **Award of Excellence** from the South Florida Chapter of the **National Association of Industrial and Office Parks (NAIOP)**. **Urban Design Studio**, of West Palm Beach and Stuart, was responsible for creating the land use and long range

plans, overall design and obtaining the necessary permits for the multiple use project. ■ The City of New Smyrna Beach has selected **Keith C. Hook, AIA**, of Daytona Beach, to design the City Hall addition for administrative offices. ■ **Wolffberg/Alvarez & Associates** has opened a branch office in the metropolitan Tampa area. Through its new office in Largo, the firm is extending its services into the highly competitive western and north Florida market. ■ **Leonard J. Oso, P.E.**, is now an associate of **Wolffberg/Alvarez & Associates**. ■

GBS Architects, Landscape Architects, Planners, Inc. has been selected to design and prepare full architectural and landscape plans for the expansion and renovation of the golf clubhouse at **Turtle Creek Country Club** in Tequesta. The 5,000 s.f. expansion will include a large dining room and lounge. ■ Site work recently began for the new **Delray Beach mixed use project** of **Waterford Place**. When completed, the complex, designed by **Currie Stubbins Schneider Architects**, will have 236 apartments, a 250-room hotel and eight office buildings. ■

Rogers, Leventosh & Feltz, Inc. of Winter Park, was recently awarded the contract to design the **Social Sciences Building** at **Rollins College**. The project will

include classroom and laboratory facilities. ■ The **Acura Automobile Dealership** is under construction in West Palm Beach. The 20,000 s.f. facility was designed by **Assis Ornstein Associates Architects & Planners, Inc.** and will be complete April 1, 1988. ■ **Justin Hellmuth**, internationally recognized aviation consultant, architect and engineer, has joined **Geddes Engineering, Inc.** **Hellmuth** recently directed the master plan study for **Brussels' National Airport** in Belgium. ■

■ **Anderson Parrish Associates, Inc.**, an architectural/engineering firm in St. Petersburg, will merge with **Havens & Emerson, Inc.**, an environmental/engineering firm, pending approval by shareholders of both companies. The present principals of **Anderson Parrish** will remain in key management roles and the firms' names will continue to be used. ■

Fugleberg Koch Architects provided design services for three newly completed prison industries facilities in Polk, Volusia and Sumter Counties. The three facilities will be operated by the state-sponsored non-profit corporation, **PRIDE: Prison Rehabilitative Industries and Diversified Enterprises, Inc.**, founded by Jack Eckhard. The plants consisted of a custom furniture design facility, a vehicle repair and remodeling facility and an electric



FSU/FAMU Engineering Facility by Burnett + Froczak Architects

cal work plant. PRIDE is the first private non-profit corporation in the country that is authorized by a state government to sell items or services manufactured or performed by prison inmates. ■

Baldwin Sackman + Associates Architects, Planners and Interior Designers has promoted three people in their firm. David H. Carrington, AIA, is a partner and Pedro Díez, RA, and Alex M. Sturman, RA, are associates. ■ Studio One, Architecture, Planning and Landscape Architecture in Winter Park won the Sterling MIRM Award for Best Model Complex Landscaping. Cindy E. Cleary, ASLA, Director of Planning and Landscapes Architecture, and August C. Schwartz, ASLA, were responsible for the design and production of the Spring Hill Model Center for Catalina Homes of Orlando. ■ Susan Schuyler Smith, ASID, IREI, was awarded first place in the statewide ASID competition for the restoration of a 25-year-old paint store in West Palm Beach for the corporate headquarters of Spectrum, her interior design firm. Working with Ms. Smith on the project was Gordon Mack, AIA. ■ Albert J. Cooper, III and David B. Porterwood are new partners in the Maitland firm of Charlan Brock & Associates. ■ Schwab & Twitty Architects, Inc. has moved its offices to Northridge Centre where it will occupy the entire 14th floor of the complex they designed. ■ Slatery & Root, AIA, of Boca Raton designed a new 200-home development for Westbury Homes Corporation. Known as Rainbow Lakes, the community for single family homes will be in Boynton Beach.

Harper Buzick Carraro Architects/Planners in Miami designed the expansion and rehabilitation of the existing 11.3-acre island base of the U.S. Coast Guard on Miami Beach. The project, which includes the demolition of many obsolete buildings, is the largest construction project being undertaken by the Coast Guard this year. It includes a new 4-story



The 1907 St. Moritz Hotel on Miami Beach will undergo restoration based on Sackman Associates' schematic design.



Schwab & Twitty's design for one of the 140 private residences at Epping Forest in Jacksonville.

housing/health care/food service building and an operational support building for boat and equipment maintenance. ■

Epping Forest, the former home of Alfred I. duPont which was built in 1927, is being developed by Gato Petroleum Co. of Jacksonville. The property encompasses 68 acres and sits on the St. John's River. The duPont mansion will be restored by Jacksonville architect Ted Pappas, FAIA, for use as a club. The Palm Beach firm of Schwab & Twitty is creating the designs for 140 residences on the site. ■

Studio One has received the Renaissance '85 Award from *Remodeling* magazine and the National Remodelers' Council. The award was presented to the firm for the remodeling of 18 Wall Street in Orlando. ■ Charlan Brock & Associates will design a medium-density residential project near Wilmington, North Carolina for Structures, Inc. The Fairways at the Cape will be located within The Cape Golf and Racquet Club. ■ Robert Koch, AIA, was the featured speaker at a seminar on the Florida Mechanics' Lien Law. The seminar was part of an ongoing program conducted by Orlando attorney Donald F. Wright, an expert on lien law. ■ Richard Allen, AIA, FA, announced the

organization of an area of specialized services under the name of Architectural Roofing Consultants, ARC is the result of Allen's 25 years of experience providing consultation, design and supervision services about roofing. Norman V. Sharris will serve as project coordinator. ■ The Holiday Inn Riverfront in Bradenton, designed by Currie Stubbins Schneider AIA, FA, was the Torchbearer Award given by Holiday Inn International. The five-story hotel was completed in 1985 and was designed in a contemporary Caribbean style. ■ The Russell Partnership, Inc. has been commissioned to design a new radio therapy facility for the Radiology Department of the V.A. Medical Center in Miami. Construction for the \$1.5 million facility is scheduled to begin in the summer of 1988. ■

Urban Design Studio of West Palm Beach won the State Award of Excellence in the Florida Nurserymen and Growers Association 1986 Landscape Awards Program. The firm received the award for their design of Royal Palm Savings in West Palm Beach. ■ Dean Elks, RA, has been named Architectural Department Head and Bill Ramirez has been named Chief Draftsman at Watson and Company in Tampa. ■ William Tresser of Spills Canale & Partners received a "Special Award" and an Education Commendation from the 35th chapter of the Construction Specifications Institute (CSI). ■ KRJ Architects, Inc. has been selected to design the State Regional Service Center in Daytona Beach. ■ Gresham, Smith and Partners has added four new partners—Gary F. Hunt, professional engineer, George C. Grigg, architect, Paul J. Monesher, architect, and Dudley J. Reed, certified public accountant. The firm has been awarded the contract to produce the drawings for construction of two preprototype Albertson's stores in Port St. Lucie and Pembroke Pines, Florida. ■ Spills Canale & Partners will design

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The Harbor Center, a new multi-use complex in downtown New Haven. ■ Kenneth Hirsch has appointed Lee Krumborg to a staff position at Kenneth Hirsch Associates Architects, Inc. ■ Schweizer Incorporated honored educator Nile Schwab, FAIA, at a luncheon attended by friends and long time business associates. In commemoration of Nile's 25 years of service to the firm, he was presented with a commissioned original bronze sculpture

by Florida artist Charles Fager, Professor of Art at the University of South Florida. Nile will no longer be associated with the firm on a daily basis, but will actively pursue professional and community activities. ■

The School of Architecture at Florida A&M presented three prominent designers for its Spring '86 Lecture Series. The speakers are Jack Wilson, President of The Watson Company in Tampa, Preston Haskell, Presi-

dent of The Haskell Company in Jacksonville and Robert Davis, President of the Suwannee Community Development Corporation in Seaside, Florida. The speakers emphasized the behind-the-scenes workings of the development process and the keys to achieving a successful project.

LEGALNOTES

Professional liability - is there legislative relief?

by J. Michael Huey

A monetary ceiling on noneconomic damages, redefinition of the doctrine of joint and several liability, increased rate authority for the Commissioner of Insurance — these are just a few of the "legislative solutions" to the current insurance dilemma which are under discussion in the business, professional, and governmental communities. Once again, as in the mid-1970's, we are in the midst of an insurance crisis. Only this time, it's worse. While architects and others suffered increased insurance premiums in the 1970's, doctors bore the brunt of the crisis. This time, the suffering insureds include architects, accountants, doctors, municipalities, big business and, yes, even lawyers. The "suffering" ranges from premium increases of 100 percent to 900 percent for some to lack of insurance coverage for others.

Some specialty medicine groups are experiencing 100 percent or greater premium increases this year in spite of dramatic yearly increases since the last crisis. Lawyers, accountants, and architects are experiencing 300 percent to 900 percent premium increases. Municipalities are experiencing 300 percent to 1,000 percent increases. Corporations, such as Florida Power and Light, are reportedly paying double or triple the premiums for less than one-half the insurance coverage of a year ago. And the list goes on, and on. No wonder we are seeing the establishment of professional association and industry task forces on liability nationwide, including FA/AA's Professional Liability Task Force, PES's Liability Task Force, Project Civil Reform, Inc., and others.

Many of these task forces and committees are actively seeking changes in our federal and state laws to combat the insurance crisis. The focus of Florida's medical doctors, headed by the Florida Medical Association, is to place a ceiling of \$250,000 on damages which may be awarded an injured party for pain and suffering (noneconomic damages). This measure, they contend, will substantially reduce jury awards and out-of-court settlements, thereby reducing insurance premiums. They point to California, which has such a law, where malpractice premiums are significantly lower than Florida. The California law has just recently been upheld by the California Supreme Court and the Federal Circuit Court of Appeals. The doctors face an uphill battle on this issue, but they seem to have regained momentum after Florida's Supreme Court struck down the FMA's tort reform constitutional amendment attempt.

The remainder of the professional and business community has concentrated primarily on modification of the doctrine of joint and several liability. This doctrine presently allows an injured party to recover his entire damages from any of the defendants in a suit regardless of the percentage fault of a particular defendant. Florida's House of Representatives passed a bill limiting this doctrine last year, but no action was taken in the Senate. The Legislature appears to be in a mood to make some modifications to this doctrine in 1988. Any change should benefit architects as they are often included in suits because of the possibility of a slight degree of negligence on their part.

One of the more interesting proposals which should be considered by the Florida Legislature in 1988 pertains directly to design professionals. This proposal, adopted in Kansas and Oklahoma, would limit the liability of design professionals for job site injuries compensable under the Worker's Compensation Law. In Florida, such a law would benefit architects, engineers, landscape architects, and land surveyors by limiting the nuisance suits filed by injured construction workers after they have collected their worker's compensation benefits.

As the 1986 Legislative Session approaches (it commences in April), these and other proposals will be reviewed. The success or failure of these legislative attempts will be in direct proportion to the effort of the professions and business to persuade legislators that the crisis is real and relief is absolutely necessary. While legislative relief is not a total answer, it is a beginning — a sign — that our system must be rebalanced and realigned to achieve justice.

J. Michael Huey is General Counsel to the FA/AA. He is a partner in the firm of Alvarado, Santoferrit & Eldred, Tallahassee.



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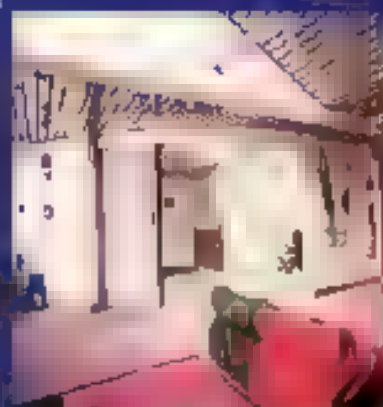
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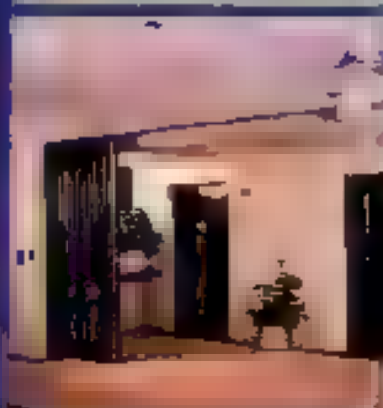
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LEGALNOTES

1987 Legislative Issues

by J. Michael Huey

The 1987 Florida Legislature is finally gearing up for the onset of the Regular Session on April 7, 1987. To date, there have been approximately 200 House and Senate Bills pre-filed and the new legislative committees have been meeting on a regular basis since the beginning of December. Although 1986 was known as the year for tort and insurance reform, we anticipate that 1987 will be considered more appropriately as the "year of the tax." In addition to legislative efforts to generate revenue, we will also face several other familiar issues which will impact the architectural profession. At present the FA/AIA is paying

close attention to the following:

Architectural Professional Services

The FA/AIA is currently monitoring the legislative process regarding the proposed repeal of the sales tax exemption for architectural, engineering and surveying services.

exemptions on architectural, engineering and surveying services.

Legislative leaders are now scrutinizing this year's repeal bill to determine whether or not some of the exemptions should be retained. Anticipated legislation generated if no action is taken during the 1987 session. If the exemptions are kept in place, however, where will Florida look for badly needed revenue?

According to the Statewide Comprehensive Plan Committee, Florida's current tax structure

our governments will need \$17.9 billion through the next century to implement the Statewide Comprehensive Plan.

Architectural services should be taxed.

is repealed, how should this tax be administered and "passed through"?

The House and Senate Finance Committees are currently reviewing each sales tax exemption included

ing impact of the exemption as well as the impact of the tax on each sales tax exemption included.

Accordingly, FA/AIA is currently

1. What is the basic rationale for exemption of architectural

2. Does the exemption serve the purpose of treating architectural firms and other businesses

incentive for Florida architectural graduates to practice in Florida?

more the practice of architecture and other businesses which are vital to the local economy?

Uniform Building Codes

The FA/AIA will be busy this legislative session in efforts to defeat legislation providing licensure of interior designers. The Department of Professional

Interior designers are planning to bill the legislature a licensure program and regulatory board for the interior design profession. The FA/AIA continues to question the intent of licensure of interior designers and will continue to closely monitor pro-filed legislation that may

Architects, Engineers and Contractors

Architects, engineers and contractors currently have a difficult

Florida Supreme Court recently upheld the products liability act

contractors hope that our high validity of a maximum time period of exposure.

The FA/AIA must now consider legislation as necessary necessary course of action to be

Uniform Building Codes

Following the 1985 Legislative Session, Governor Graham, with the support of Tom Lewis, AIA, Secretary of the Department of Community Affairs, appointed a

review and standards which affect legislative action on this issue may depend greatly on the re

battle waged against the F

a lead in pushing revisions to the controversial area during 1987

League of Cities. Another issue, however, has recently surfaced which may help set a pre-architectural building codes

Following the 1985 Legislative Session, the Department of Community Affairs established a Bureau of Housing and Community Development to make recommendations for revisions to Chapter 39, Part V, Florida Statutes (Accessibility by Handicapped Persons). Current state law regarding handicapped access is primarily based on 1961 American National Standards Institute, "ANSI", guidelines. During 1986 the ANSI Access

adopt the ANSI revisions.

Following over two months of bi-weekly meetings, the committee has now prepared draft legislation which, although called after the ANSI standards, proposes several modifications. Of major importance to the FA/AIA

One legislation to limit the cities authority to impose more stringent codes and an additional provision which grants the Florida Board of Building Codes and Standards final administrative interpreting authority. The FA/AIA remains supportive of provisions which limit local governmental authority over the implementation of building codes.

J. Michael Huey is General Counsel to the FA/AIA. He is a partner in the Tallahassee law firm of Huey, Gaudin, Kornblum



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- ACOUSTIKOTE
Acoustical Plaster
- MONOCOTE
Stucco Plaster
- EMPL
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- EPOXYCOTE
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2	DEF	567	890	123	456	789	012	345	678
3	GHI	901	234	567	890	123	456	789	012
4	JKL	345	678	901	234	567	890	123	456
5	MNO	789	012	345	678	901	234	567	890
6	PQR	123	456	789	012	345	678	901	234
7	STU	567	890	123	456	789	012	345	678
8	VWX	901	234	567	890	123	456	789	012
9	YZA	345	678	901	234	567	890	123	456
10	BCD	789	012	345	678	901	234	567	890

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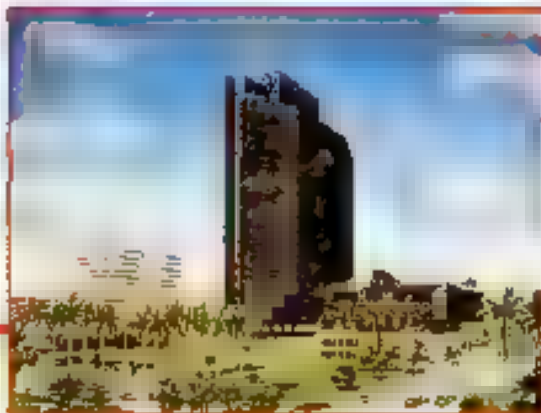
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see these Kohler distributors:

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• 1,000,000 sq. ft. of office space	• 1,000,000 sq. ft. of office space
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• 1,000,000 sq. ft. of office space	• 1,000,000 sq. ft. of office space



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SOUTHERN GAS ASSOCIATION TO MEET APRIL 20-22 IN DALLAS

The Southern Gas Association, an organization of gas companies throughout the southern states, will hold its 1986 convention at the Loews Anatole Hotel in Dallas, TX, April 20-22.

The changes and progress in the natural gas industry will be the theme of this year's convention. Speakers include: Dr. John McLaughlin, McLaughlin Group; James E. Tyree, Chairman of the Board of the SGA; Roger Taylor, Vice President of Salomon Brothers; and Dr. John McKetta, University of Texas.

Students tag new school “Calvin Klein High”

Vivian Guther Senior High School, Tampa

Architect: The Design Arts
Group, Inc.

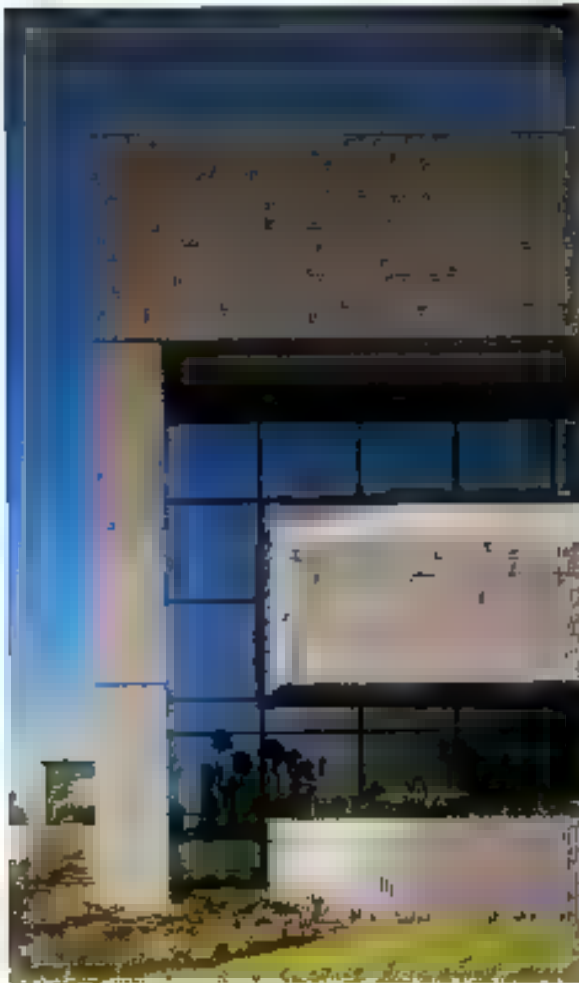
Design Studio Director: Peter
C. Smith, AIA

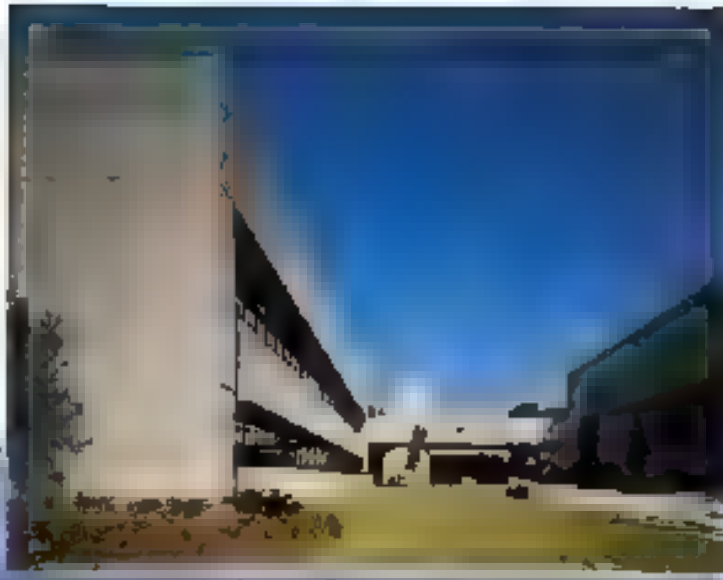
Project Manager: Jeffery Wm.
Staples, AIA

Project Team: Doug Mann, Don
Jardine, Frances Flynn, etc.

Contractor: MacFarland Corp.,
Tampa, FL

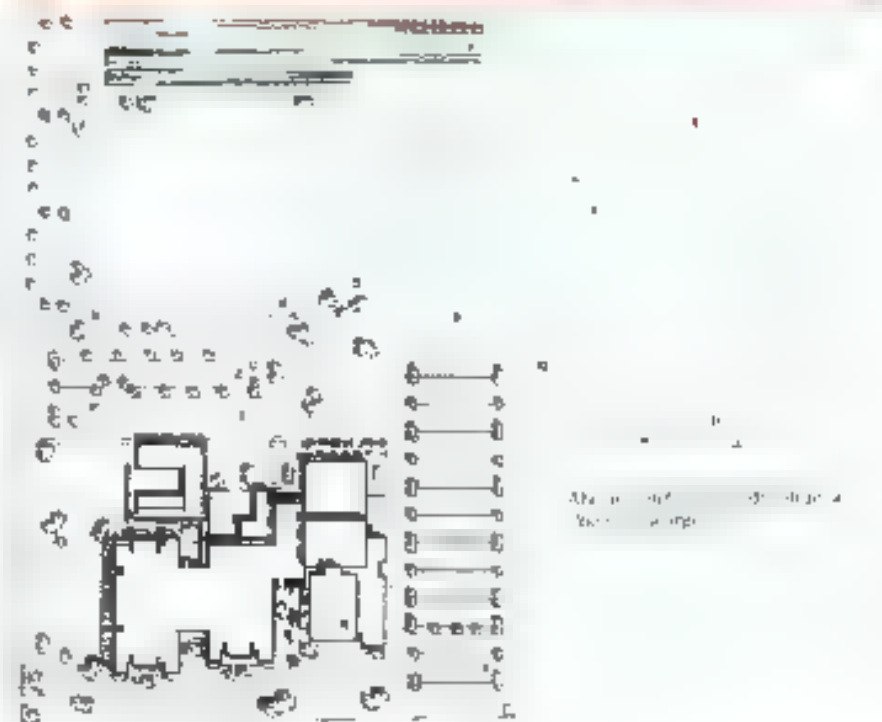
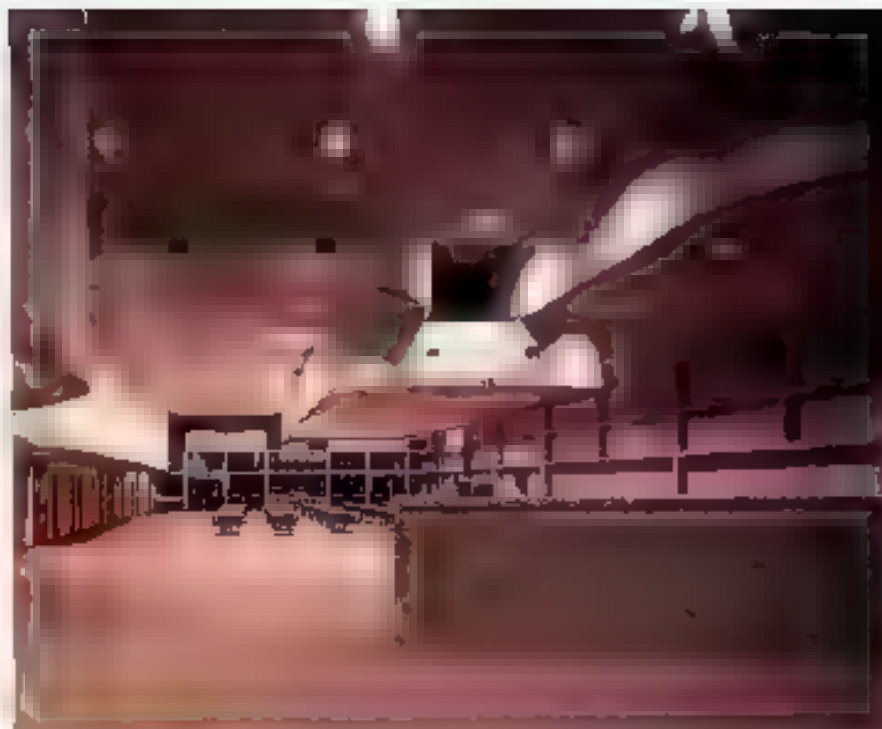
Owner: Hillsborough County
School Board





A student who has achieved excellent grades in college mathematics, physics, and chemistry is not necessarily a good engineer. The student who has achieved excellent grades in college mathematics, physics, and chemistry is not necessarily a good engineer. The student who has achieved excellent grades in college mathematics, physics, and chemistry is not necessarily a good engineer.

There are two blocks of eleven-membrane pair of double-headed rings that are like the two membranes between them normally as the rings of the 2.5 mm in diameter are the same as the 1.5 mm in diameter. The double-headed rings are the same as the 1.5 mm in diameter and the 2.5 mm in diameter. The double-headed rings are the same as the 1.5 mm in diameter and the 2.5 mm in diameter.

[illegible][illegible][illegible]



including a small room with a table and chairs, a large room with a table and chairs, and a small room with a table and chairs.

The hall is a large room with a high ceiling and a stage at the front. The stage is a raised platform with a large screen and a large table. The hall is filled with rows of seats, and there are several exits. The hall is a large room with a high ceiling and a stage at the front. The stage is a raised platform with a large screen and a large table. The hall is filled with rows of seats, and there are several exits.

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Architectural drawing

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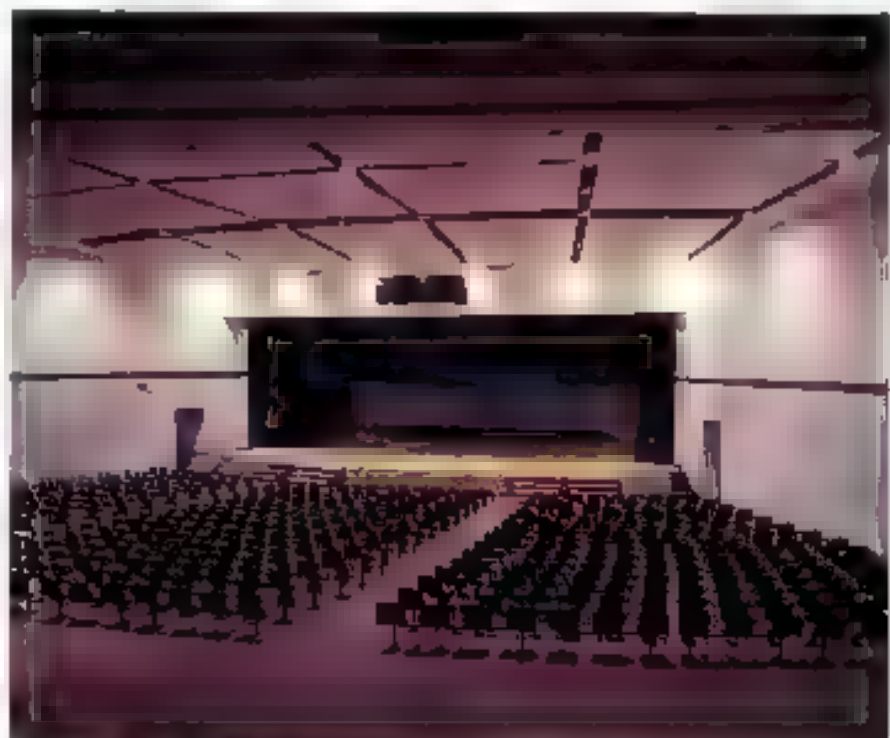


Figure 1. The hall of the school.

Prairie school, Florida style



South Fork High School Martin County, Florida

Architect: Kasper, Beiler &
Graham, Tallahassee

Civil Engineer: Montgomery
Adams

Structural Engineer: Frank
Quarles

Mechanical/Electrical Engineers:
Tatum & Smith

Landscape Architects: Thomas
Stearns Associates

Interior Design: GTH

Builder: Kasper Construction
Company

On a remote, tree-lined peninsula
in Martin County, Indian
Hatch is a small, isolated
high school campus. It is a
small, isolated campus, but the
school's design is not. The
school's design is a blend of
a traditional school and a
modern school, with a focus on
learning.





The design which finally emerged follows the international style design approach, with horizontal lines. The building features a glass entrance porch and appears to be a vertical wall of windows in places of the horizontal lines. The main entrance is located on the ground floor, while the main entrance is located on the ground floor. The building is a vertical wall of windows in places of the horizontal lines. The main entrance is located on the ground floor, while the main entrance is located on the ground floor.

[illegible][illegible][illegible]

INDEX OF AUTHORS

A campus that hugs the landscape

Manatee Community College

South Campus Venice

Architect: Richard Allen & Associates
Civil Engineer: Robert A. Bishop
Structural Engineer:
Klaus Albrecht
Mechanical Engineer:
Frank Walker
Electrical Engineer: Edward
Construction Management:
Barrett Mason Southern, Inc.

While planning the addition to the 1.5-million-square-foot Venice campus, Manatee Community College officials knew the new building would have to fit in with the existing campus. The result is a building that blends with the landscape.



The theme of "blending" the Manatee community college addition to the Venice Allen Hall campus was a key factor in the design. The new building was designed to blend with the existing campus and the surrounding landscape.

As with most publicly funded buildings, there were strict requirements regarding materials. Six types of materials were approved by the state. The design team had to work within these constraints to create a building that would blend with the existing campus and the surrounding landscape.

Working within an approved budget was a major challenge. The project was funded for \$6.5 million, and the design team had to ensure that the building would be completed within this budget.

The design team had to work within a strict budget and create a building that would blend with the existing campus and the surrounding landscape. The result is a building that is both functional and aesthetically pleasing.

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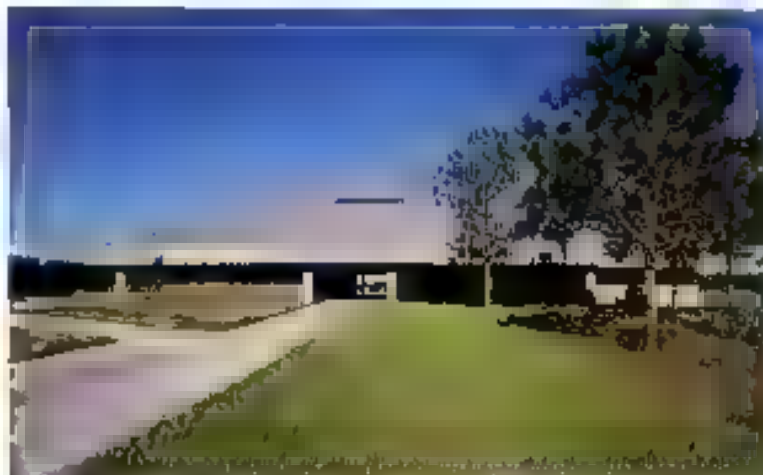
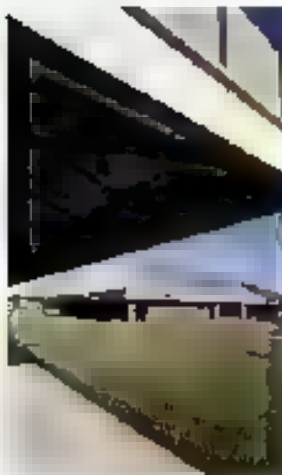
more, and more often residents
 reported feeling safe if walking
 with a flashlight or carrying
 a flashlight with them. The
 result of this was a 4.5%
 increase in the number of
 flashlight purchases.

The design concept for the
 building was approved by the
 Board of Directors. The design
 was completed and the building
 was built. The building was
 built by the city and the
 city was responsible for the
 new building. The building
 was built in 1964. The building
 was built in 1964.

Figure 1. Design

Figure 1. Design

The building was built in 1964.
 The building was built in 1964.
 The building was built in 1964.
 The building was built in 1964.
 The building was built in 1964.



Shape as a program solution

The Knapp Residence Dade County, Florida

Architect: Maspero Associates
Kissimmee, FLA

Principal-in-Charge: Gene
Maspero, AIA

Project Designer: Robert
Cannon, A.A.

Engineer: James Ann
Engineering, P.A.

Owner: Harry and Maria Knapp

Contractor: H.P.A. Construction
Corp.

On a five-acre site in southern
Dade County, the Knapp
Residence is an architectural response to a number of specific requirements. Five are the most acute: from wanting a home on a large tract of land, the residence design reflects the site's two distinct soil types and the breeding and selling of Arabian stallions.

The large rectangular lot is in an area of generally small homes, with single family residences. The lot is irregular, is bordered by rows of tropical mango trees on its perimeter, and it is heavily shaded and grassy with a malleable. The location of the house on the lot evolved from programmatic needs. The house is positioned in the center third of the property, with the large driveway to the front, a screening pool area in the south, and stables to the west. The property is adjacent to the road.

The unique planning and shape of the house gives it a unique character. The plan is a series of interlocking shapes that help in the development of the house.



Robert Cannon Associates, Inc. is a professional architectural firm located in Kissimmee, Florida. The firm is a member of the American Institute of Architects (AIA) and is a leader in the field of architectural design and construction.

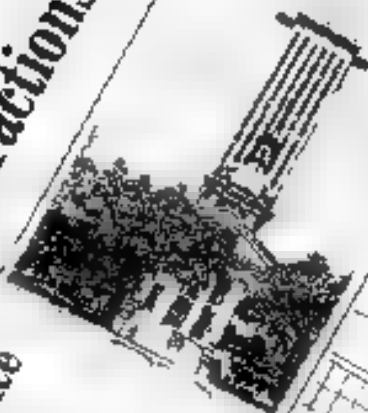


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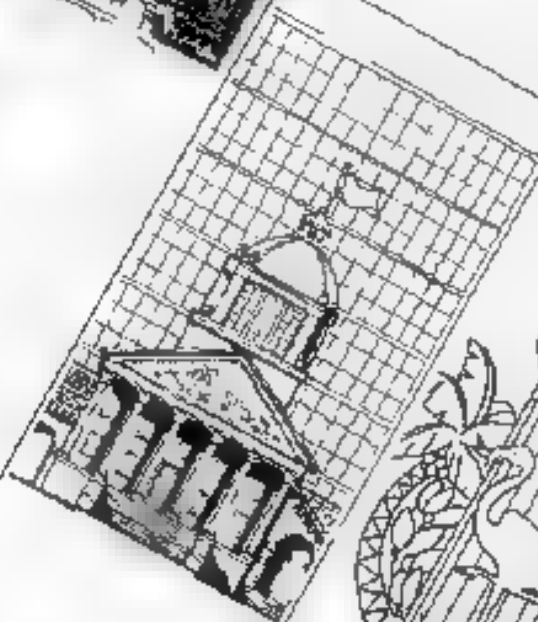
At the center of the story is the Kibbutz. This was the great idea of a new form of human organization, a new form of life, a new form of society. It was a place where people could live together in a community, where they could share their lives, their work, their joys and sorrows. It was a place where they could find a sense of purpose and meaning, where they could find a place to belong. It was a place where they could find a new way of life, a new way of being human.

Coming Attractions

FA/AIA Legislative Conference
Tallahassee
April 15-17, 1985



Florida Design Conference
Borrey-in-the-Hills
May 16-18, 1985

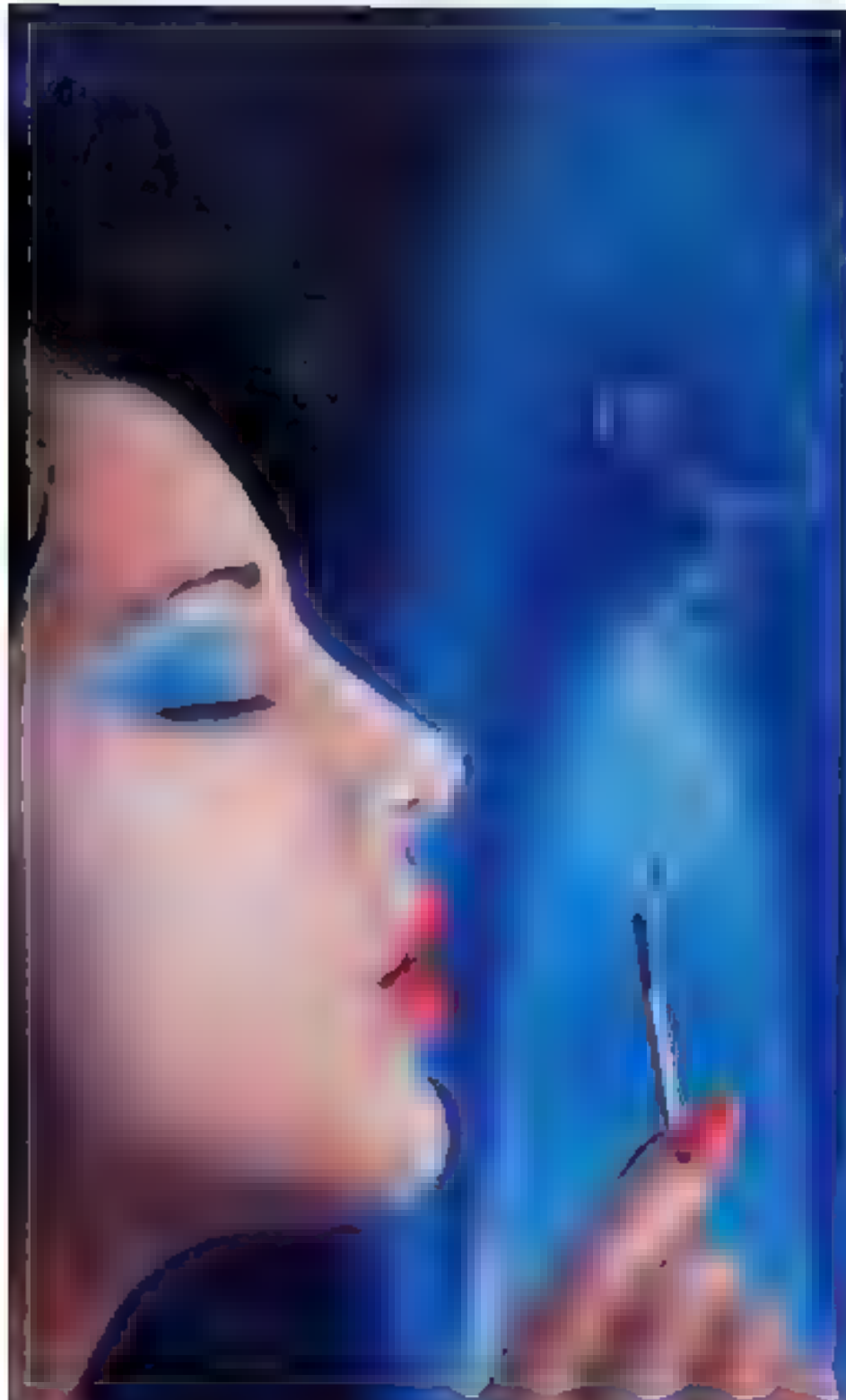


FA/AIA Fall Convention
Miami
September 26-28, 1985



Florida Association of the American Institute of Architects

You'll Never Match Natural Gas!



אם אתם מחפשים את הטעם הטוב ביותר של גז טבעי, אתם צריכים לדעת מה אתם מחפשים. את הטעם הטוב ביותר של גז טבעי, אתם צריכים לדעת מה אתם מחפשים.

Profile Chart

הגז הטבעי של FNGA הוא גז טבעי טהור, ללא תוספת של שום חומר כימי. הגז הטבעי של FNGA הוא גז טבעי טהור, ללא תוספת של שום חומר כימי.

Not King For No Reason

הגז הטבעי של FNGA הוא גז טבעי טהור, ללא תוספת של שום חומר כימי. הגז הטבעי של FNGA הוא גז טבעי טהור, ללא תוספת של שום חומר כימי. הגז הטבעי של FNGA הוא גז טבעי טהור, ללא תוספת של שום חומר כימי.

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FNGA

New River residence

Private Residence
Port Jauderduis

☞ **အနုပညာ** : လက်သတ် - မိသားစု

3. Fe^{2+} 3

Norman and Katherine Lutzowitz

Journal of Management Education

1. montgomery@pub.utk.edu, 2. elwell@pub.utk.edu

1. *Journal of Management Education*, 31(1), 10-20.
 2. *Journal of Management Education*, 31(1), 21-30.

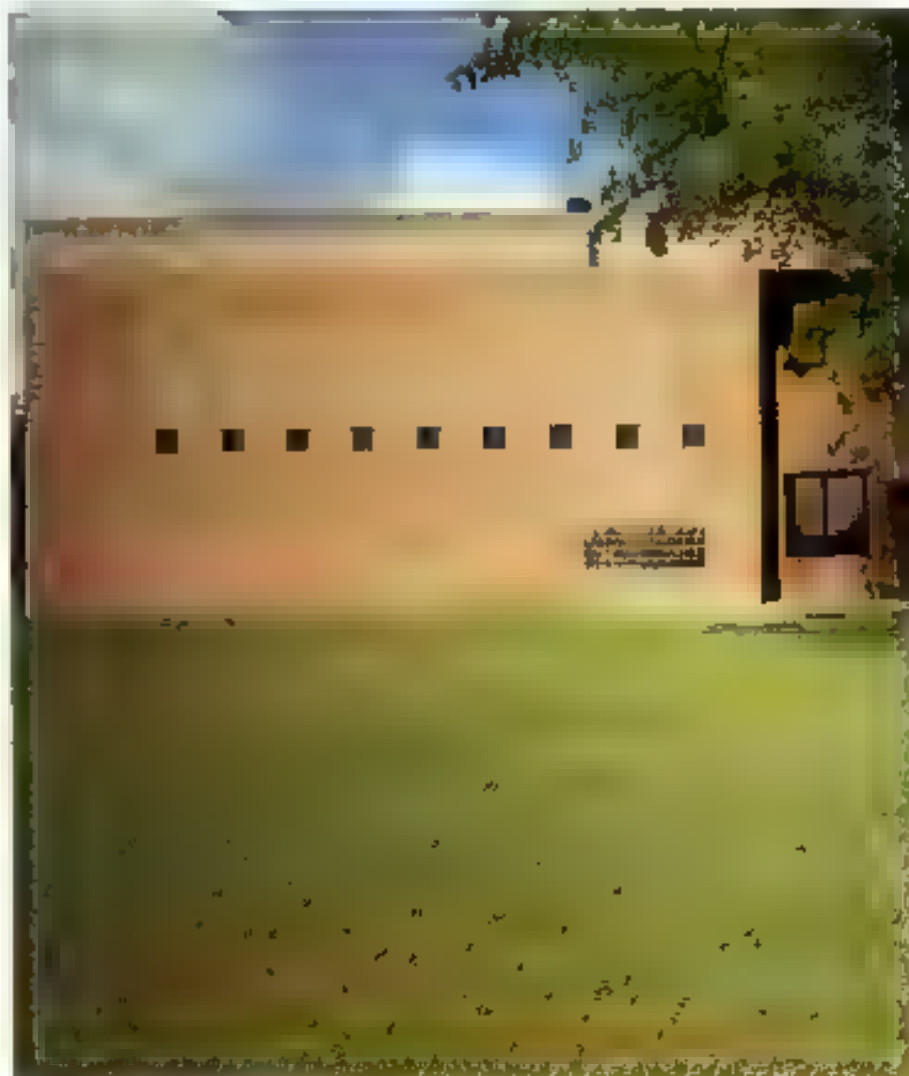
Landscape Architect: Ted Flakner

In 1924, the brilliant pianist Ignace Jan Paderewski said that "there is nothing so beautiful in our world as a girl who is full of joy."

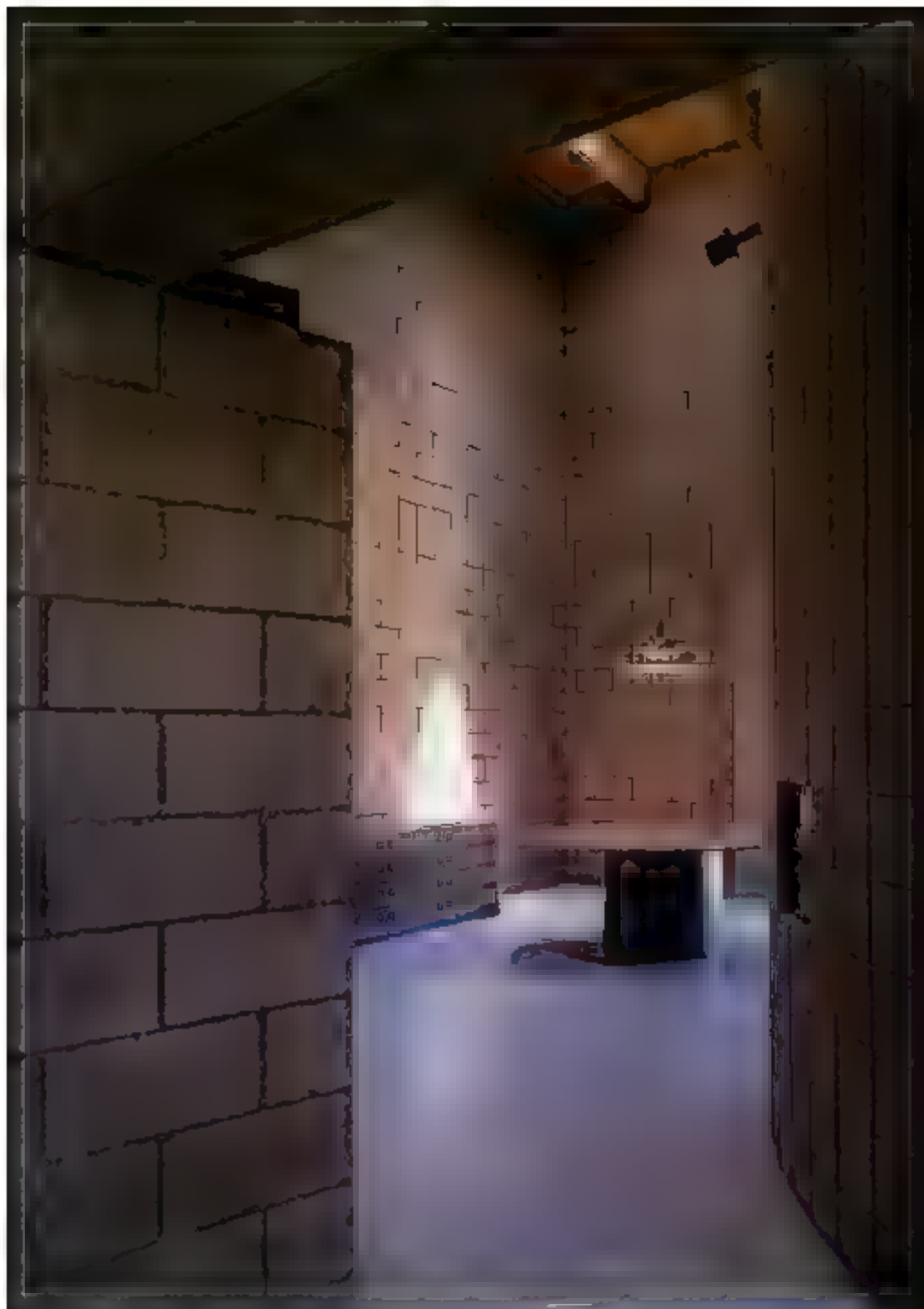
The privately owned, high-tech, Israeli engineering firm has designed and built the world's largest and most advanced water treatment plant, a \$1.2-billion, 100-million-gal-a-day facility in the city of Haifa. The design, construction and operation of the plant will be managed by the Israeli firm, which is also building the plant's infrastructure.

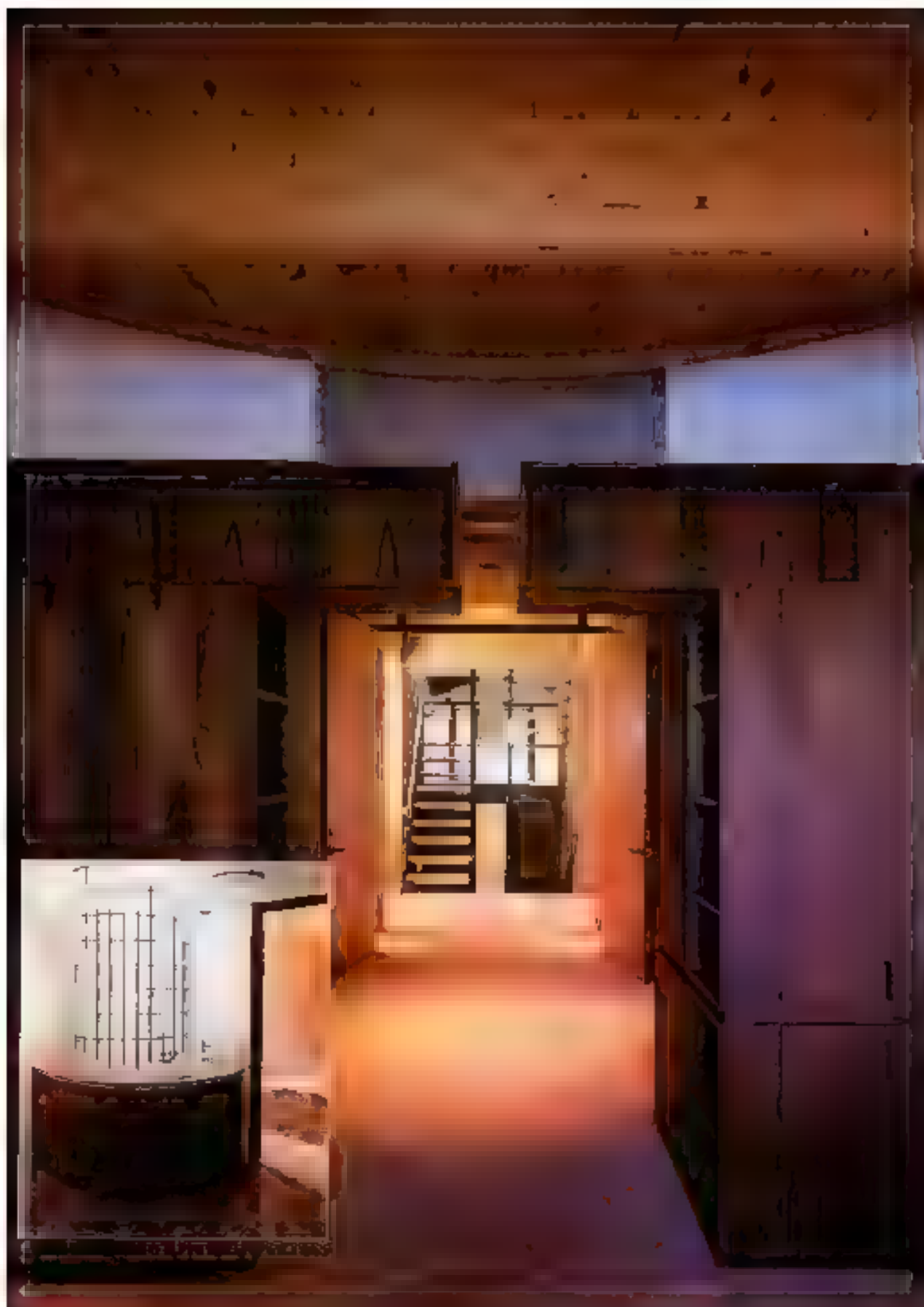
Thus, because nonproliferation is the
 only way to ensure that the world
 does not become a nuclear
 arms race, it is the only way to
 ensure that the world does not
 become a nuclear arms race.

Explaining why the new Chinese-made turbines will outperform the already obsolete foreign ones may be sleeping on the job, but it isn't. In fact, the Chinese engineers have thought out help questions for possible trouble along the way. They even anticipated the need for spare parts to be on hand. The philosophy of giving all the necessary information to the buyer is a new trend.



4. Ինչպե՞ս կարող եմ հասնել այդ տեղին: Էջեր: 15 Նկար: 15





Ron Garl, golf course architect

Ferida Home of the warm
digestible and country club

• Which includes the regulation of a girl's course of life so that there is a place where golf is one of the leading leisure activities of her life (if necessary both ways)?

[illegible]

hobbyman, he holds a degree in horticulture and turf grass. He was the first elected member of a club, membership from the Florida State Golf Association to study

University of Florida, Mowbray Hall, Gainesville, Florida 32611-0610, U.S.A. (e-mail: bruce@ufl.edu)

11

Hydro. the gulf course at 2120 ft
 low in 1900. Many used the low

11

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Truffle patterns associated with gulf coasters are atypical

drugs. The flow of traffic is unbroken throughout the day, and the atmosphere is one of constant activity. The flow of traffic is unbroken throughout the day, and the atmosphere is one of constant activity.

1. $\frac{1}{2} \pi$.

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bioRxiv preprint doi: <https://doi.org/10.1101/151107>; this version posted May 1, 2017. The copyright holder for this preprint (which was not certified by peer review) is the author/funder, who has granted bioRxiv a license to display the preprint in perpetuity. It is made available under aCC-BY-NC-ND 4.0 International license.

၂၀၁၈ ခုနှစ်၊ ဇူလိုင်လ ၁၀ ရက်နေ့တွင်

416 J. H. J. van't Hof

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numbers. Bei der anschließenden

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APRIL 14-1978, SHOULD BE THE NAME
-RANGE OF THE DEPARTMENT

Carlisle has been tried for incorporating brown and yellow

producing them. His concept of "cloverleafing" has been adopted by everyone at places like the Haruhiko in Sebring and Fairway Oaks, home of the 1991 PGA Classic in Shiloh, Texas.

[illegible]

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they can help identify and improve

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}}$

ה' אר"ה

100

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49. Which one of the following is not a type of
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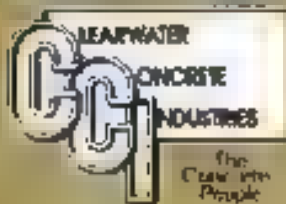
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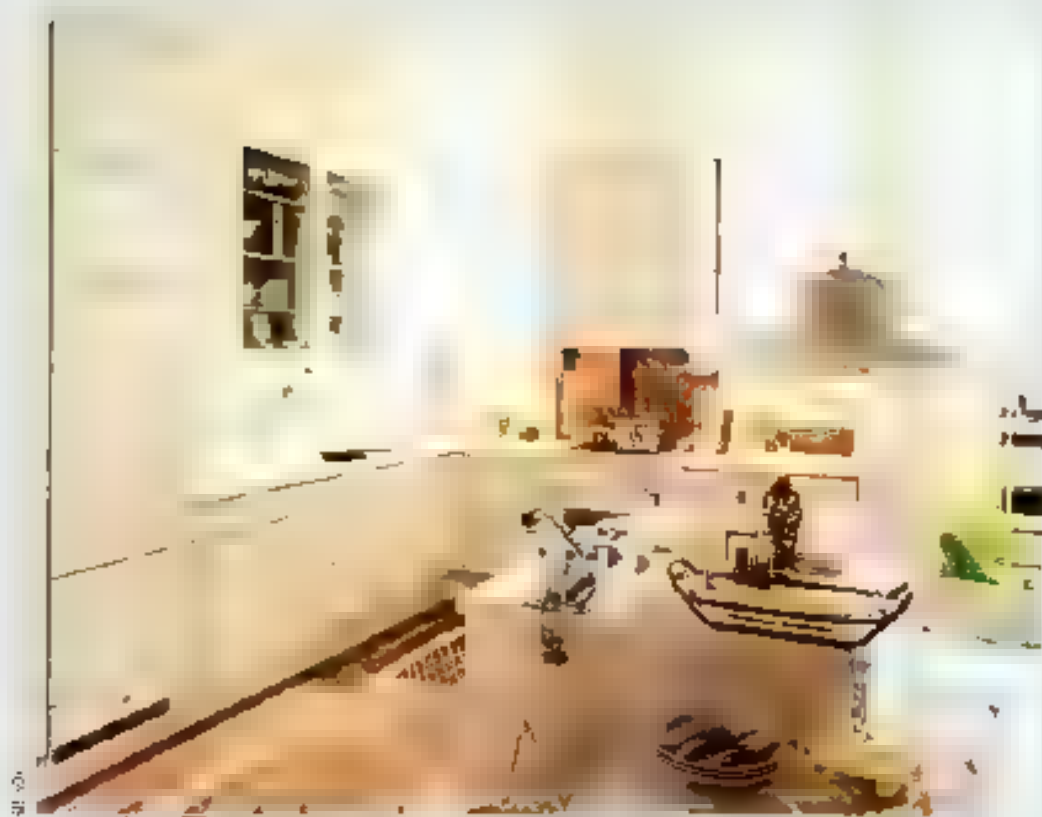


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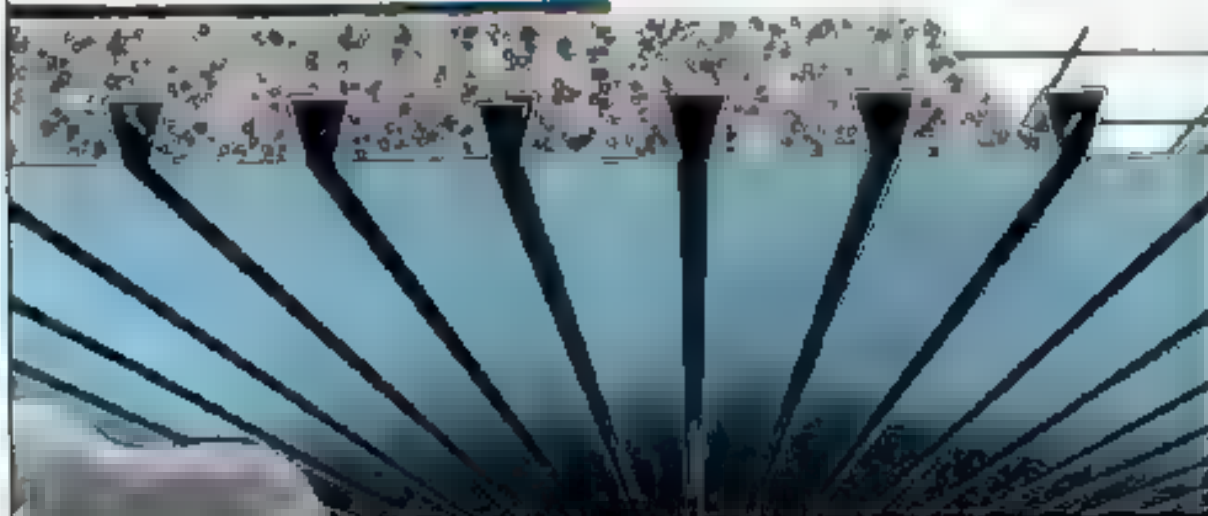
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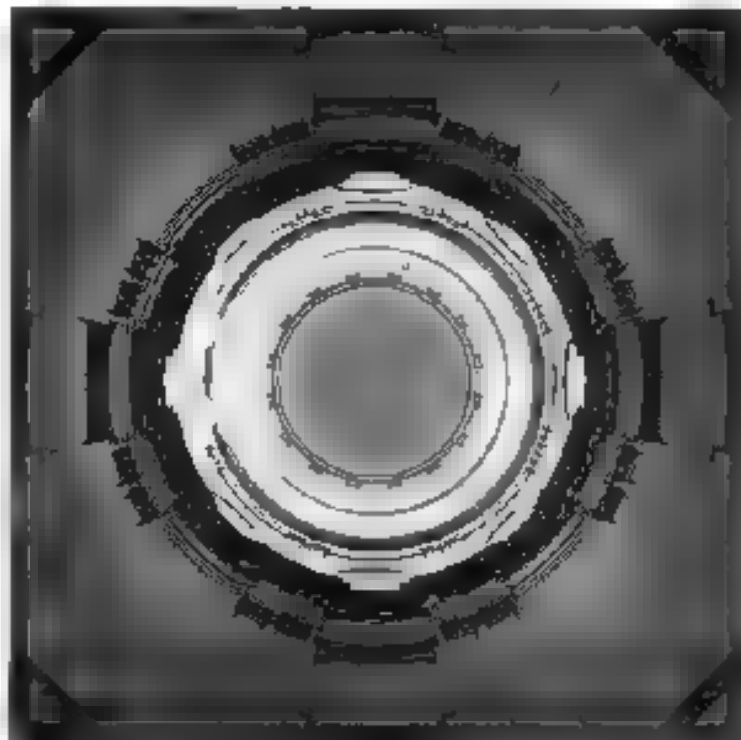


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CONCLUSIONS

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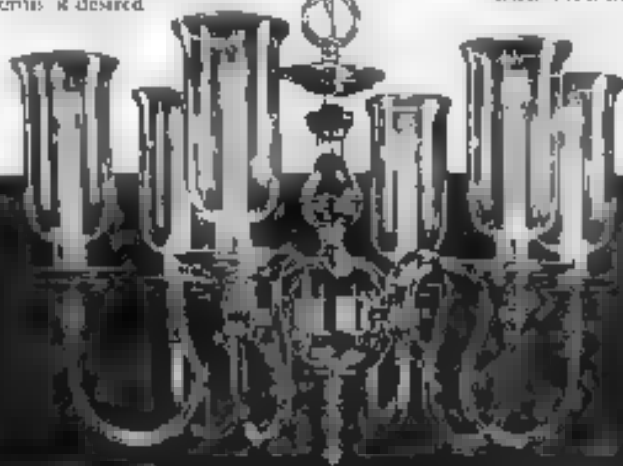
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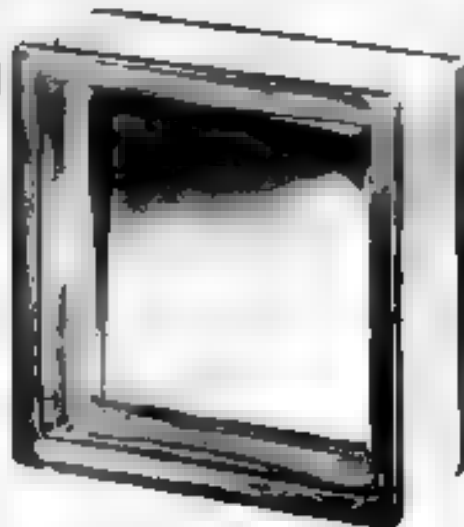
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VIEWPOINT

Teamwork experience for architecture students

Muhammad M. Almorani

The idea of using small groups to avoid the impersonality of large undergraduate courses is hardly new. Unfortunately, however, there have been few large-scale attempts to alter the traditionally individualistic experience of college students by encouraging and strongly rewarding participation in cooperative endeavors. Most of that type of experimentation has been carried on in elementary and high school classrooms and the traditional instruction method of lecturing has dominated in college classrooms. The Architectural Structures courses at the University of Florida were no exception.

The most obvious drawbacks to the lecture method of teaching an architecture course are that the approach mainly promotes cognitive learning and emphasizes individual competition. Lectures do not fully prepare the architecture student to grasp the life-size scale of the elements he or she designs. In addition, the student is not prepared to work in a cooperative climate which he or she will probably face in the professional world. Furthermore, the present method lets the student design and analyze architectural structures working in an ideal situation, without taking into account any additional difficulties which may occur in reality such as site restrictions, or problems encountered during the construction process.

Research done in college classrooms document the fact that in experimentally created groups the introduction of cooperative climates tends to improve certain types of performance while lowering students' tension and anxiety. Since one of the goals of group experience is to provide students with the opportunities to share ideas with their fellows, work toward common goals, and receive joint rewards, one of the concerns was with the viability of the groups which would be functioning unsupervised outside the classroom. Pilot results

indicated that there is a relationship between group stability and the nature of the rewards. It was found that groups created on the basis of interpersonal attraction among their members would be more likely to operate effectively under conditions of individual reward than would groups formed on the basis of random assignment of members. Conversely, under conditions that involved working for shared rewards, both types of groups would stay together and function. Furthermore, prior research and pilot studies suggested that most students would tend to have positive attitudes toward group work. Reports indicate that they preferred working in groups to working individually, regardless of whether they had actually participated in groups during the class.

To validate these findings for undergraduate architecture students, an experiment was conducted in the third year architectural structures class, at the University of Florida, in the Spring 1985 semester. The students were assigned a teamwork project to design and build a life-size scale structure. The objectives of the project were to:

1. provide a teamwork experience;
2. improve learning skills and put theory into application;
3. allow students to take greater responsibility in their learning tasks;
4. promote peer tutoring and cross-age help with the participation of the graduate teaching assistants in the Architecture Department; and
5. create a cooperative environment within groups and competition between groups that would resemble professional design competitions.

The Architectural Structures class (ARC 3551), consisting of two sections, participated in the project. It was directed by two professors, George Scheffer and Ronald Haase, with the assistance of two graduate students, Beth McDougall and the author.

Four groups of 23-30 students each were created from two sections, following the composition of their design studios.

Each group was assigned to design a structure consisting of two crossing large-scale 2-hinged arches. The group was to build the structure and erect it, using any materials and any erection technique which would be appropriate for the design. Each arch, covering an area of 24 x 40 feet and 25 feet high, was assembled into a four-legged configuration crossing at its center connection. Each project was to be tested by adding live loads using platform hanging from the structure until a point of failure was reached.

Criteria for evaluation of the project were set by the two professors of the course stressing structural innovation/clarity, aesthetic qualities/craftsmanship, and load carrying capacity.

The four group projects were judged by the Architecture Department Chairman. In addition to the grade rewards, there was special recognition for the winning group.

The project schedule required six meetings between each group and the two professors who discussed the project status and gave feedback to the students. The graduate teaching assistants were assigned to visit the four groups in their studios every day to provide help and clarification.

In the first meeting with the groups, the professors introduced the project, described and discussed the team objectives and assigned students to their respective groups.

In the second meeting, a design proposal was due from each group for discussion and approval of staff. After the students in each group received approval of their design, they submitted their final design proposal in the form of a model. They discussed and tested this model with the staff before building the full-scale structure. The second week of the project was dedicated to the building of arches.

During the two weeks, the graduate assistants provided the groups with the help they needed; in addition, they acted as observers and reported the interaction of the group members. Following the completion of the project, a diagnostic survey instrument for team effectiveness was administered. In addition, the participants in the project were asked to write down their overall evaluation and suggestions.

The evaluation of this experimental project was based on the students' responses to the survey (quantitative data), and the observations and comments provided by the professors and the graduate teaching assistants (qualitative data).

The survey instrument was divided into eight scales dealing with the following points:

- 1) Goal Clarity and Conflict;
- 2) Role Ambiguity;
- 3) Role Conflict;
- 4) Participation/Influence;
- 5) Commitment/Understanding;
- 6) Conflict Management;
- 7) Recognition/Involvement;
- 8) Support/Cohesiveness.

Each scale was divided into ratings, i.e. from 1 to 5, with 5 representing the most positive attitude and 1 representing the most negative attitude.

The data from the survey were coded for each student in each group along with his/her average final score achievement for the whole semester course. Using SAS, a computer program was developed to analyze the data using Analysis of Covariance Model.

Testing the hypothesis that the attitude of each group towards the effectiveness of teamwork is the same, it was found that there was a significant difference between groups. Teamwork was more effective in the group which gained first place in the competition as compared to the fourth place group. At the same time, in testing the relationship between the students' achievement and their attitude,

It was found that there is no significant relationship.

From the observations, it was found that the selection of a leader, which was left to group decision, constituted significantly to teamwork success. In addition, it was found that in the architecture students' teamwork projects, the chosen leader was the person who came up with the design. Observations of the first group, the one with the most positive attitudes, revealed that the designer (leader) was chosen the first day. The leader was responsible for dividing up and supervising the group members' work assignments. On the other hand, in the fourth group leadership wasn't established resulting in subgroups that did not get along too well.

The qualitative results were derived from the students' responses to the question in the survey and from the observations recorded by the graduate teaching assistants. It is important to note that, in response to the questions, all students except one noted that after completing the projects, they had a better understanding of the different issues involved in the design, building and assembly of structures.

In general, dividing the students' reactions into two contrasting attitudes, i.e. into those with positive and those with negative points, reveals the following:

Positive points:

- The project gave them the opportunity to work within groups, allowing them to learn more about teamwork environment. They learned how to adjust to their peers and to work in a cooperative climate toward a common goal.
- They learned about the importance of small details, which are usually not sufficiently covered in lectures, even though they are crucial parts of the structure as a whole.
- They learned more about the actual behavior of structures during the assembly and erection process.
- The project gave them the opportunity to use power tools in the shop and to learn special skills, such as are welding and brazing, which may be beneficial to them in the future.
- The students grasped the reality of the large-scale structures which they had designed on paper.
- They learned the skills of cost-effective decision making when they had to choose appropriate

material for the structure.

In general, nearly all the respondents agreed that they had the chance to learn a great deal about such aspects of structures as: behavior, assembly, connections and kinds of failures that may occur.

Negative points:

The students' negative comments about the project stressed two basic problems in the design, namely, that there was not enough time to complete the work satisfactorily, and that there were too many students in each group.

The review of the quantitative and qualitative results indicates that the project was a successful learning experience for the architectural structure students in spite of the negative issues that were reported. Strong, effective leadership within groups made the difference in both success of the project and in students' positive attitudes toward their work. The students were faced with a challenging task. They had to make critical decisions concern-

ing issues such as material selection, connection details, assembly techniques, etc. Lectures seldom provide such opportunities.

The project provided great experience for the students in allowing them to witness different modes of failure in structures and to evaluate strength or weakness of their design. They came up with conclusions based on actual rather than theoretical performance. In general, they had the chance to apply the lecture theory to a full-size structure.

It is important to note that the project has generated great interest within the college, along with the desire on the part of other students to participate in similar projects in the future.

The author is a graduate teaching assistant in the Architecture Department, University of Florida, and currently is working toward a Ph.D. degree in Architecture Education.

A structure consisting of two large scale trusses was erected by students in the University of Florida Architectural Structures course. Photo courtesy of the author.



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Lacking impervious seal, plates subject to flame erosion - primary effect of water

No defense against "burn-through," spreading fire to lower floors

GYP-CRETE "key" to sound, fire and thermal control. Gypsum wallboard and GYP-CRETE Underlayment completely seal base of joists

Outside wall plate sealed against cold air with impervious seal

GYP-CRETE Underlayment isolates plywood subfloor from more flammable floor coverings

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